

EAST SEARCH

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L#	Hits	Search String	Databases
S16	3	S6 and (highest near2 gain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S19	3	S6 and (select\$3 with (stage or phase))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S9	7	S6 and (candidate near2 feature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S18	17	S6 and ((adjust\$3 or modify\$3) with model\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S17	39	S6 and (model\$3 with feature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S12	3	S6 and (rank\$3 with feature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S11	4	S6 and (rank\$3 with gain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S2	76	S1 and ("maximum entropy" near2 model\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S20	1	S6 and (gain with "upper bound")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S1	10467	(language near2 model\$3) or ("natural language" near2 (processing or model))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S13	10	S6 and (order\$3 with feature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S15	2	S6 and ("top-ranked" with feature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S7	23	S6 and (select\$3 near2 feature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S4	76	S3 and ("maximum entropy" near2 model\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S14	2	S6 and ("top ranked" with feature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S3	10474	(language near2 model\$3) or ("natural language" near2 (processing or model\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S10	6	S6 and ((comput\$3 or determin\$3) with gain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S6	93	S4 or S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S8	6	S6 and (gain with feature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S24	1	S6 and (re-comput\$3 with gain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S25	6	S6 and ((conditional near2 probabilit\$3) with feature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S21	0	S6 and (gain with "upper limit")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S22	0	S6 and (re-evaluat\$3 with gain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S23	0	S6 and (re-evaluat\$3 with gain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S28	1	S6 and ("next-ranked" with feature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S29	0	S6 and (gain with (pre-determined or pre-specified))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S26	1	S6 and (gain with "uniform distribution")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S27	9	S6 and ("uniform distribution")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S5	82	S3 and (entropy near2 model\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S32	0	S6 and (re-us\$3 with feature with gain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S33	0	S6 and (re-us\$3 with feature with gain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S30	1	S6 and (gain with (predetermined or prespecified))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S31	1	S6 and ("top-ranked" with feature with number)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S34	0	S6 and (re-us\$3 with gain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S35	8	S6 and (reusing or reused)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S36	59	S7 or S8 or S9 or S10 or S11 or S12 or S13 or S14 or S15 or S16 or S17 or S18 or S19 or S;	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S37	10474	(language near2 model\$3) or ("natural language" near2 (processing or model\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S38	76	S37 and ("maximum entropy" near2 model\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S39	82	S37 and (entropy near2 model\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S40	93	S38 or S39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S41	23	S40 and (select\$3 near2 feature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB

S72	4	S67 and (rank\$3 with gain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S75	2	S67 and ("top ranked" with feature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S73	3	S67 and (rank\$3 with feature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S93	11701	(language near2 model\$3) or ("natural language" near2 (processing or model))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S94	89	S93 and ("maximum entropy" near2 model\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S96	4	S94 and (rank\$3 with feature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S97	4	S94 and (rank\$3 with gain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S98	6	S94 and ((comput\$3 or determin\$3 or calculat\$3) with gain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S99	7	S95 or S96 or S97 or S98	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S95	2	S94 and ("top-ranked" with feature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S100	2	S94 and ("selective gain")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB

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Results of search set S91:

Document Kind	Codes	Title	Issue Date	Current OR	Abstract
US	20060178869	A1	20060810	704/10	
US	20060159507	A1	20060720	400/472	
US	20060123448	A1	20060608	725/51	
US	20060123000	A1	20060608	707/5	
US	20060095250	A1	20060504	704/9	
US	20060088356	A1	20060427	400/472	
US	20060074670	A1	20060406	704/257	
US	20060074630	A1	20060406	704/9	
US	20060020448	A1	20060126	704/10	
US	20060018541	A1	20060126	382/181	
US	20060015320	A1	20060119	704/2	
US	20050283363	A1	20051222	704/257	
US	20050256685	A1	20051117	703/2	
US	20050256680	A1	20051117	702/181	
US	20050237227	A1	20051027	341/1	
US	20050228643	A1	20051013	704/9	
US	20050171783	A1	20050804	704/276	
US	20050165580	A1	20050728	702/181	
US	20050055209	A1	20050310	704/255	
US	20050049852	A1	20050303	704/9	
US	20050021317	A1	20050127	703/2	
US	20050015251	A1	20050120	704/232	
US	20040193401	A1	20040930	704/9	
US	20040064438	A1	20040401	707/1	
US	20030236662	A1	20031225	704/224	
US	20030126102	A1	20030703	706/21	
US	20030074183	A1	20030417	704/1	

US 20030055655 A1	Text processing system	20030320 704/276
US 20020188421 A1	Method and apparatus for maximum entropy modeling, and method and apparatus for natural	20021212 702/181
US 20020165716 A1	Error corrective mechanisms for consensus decoding of speech	20021107 704/255
US 20020111793 A1	Adaptation of statistical parsers based on mathematical transform	20020815 704/10
US 20020111780 A1	Probability model selection using information-theoretic optimization criterion	20020815 703/2
US 20020038207 A1	Systems and methods for word prediction and speech recognition	20020328 704/9
US 20020032549 A1	Determining and using acoustic confusability, acoustic perplexity and synthetic acoustic word	20020314 703/2
US 20010056344 A1	COMMAND BOUNDARY IDENTIFIER FOR CONVERSATIONAL NATURAL LANGUAGE	20011227 704/235
US 20010028744 A1	Method for processing nodes in 3D scene and apparatus thereof	20011011 382/232
US 7031910 B2	Method and system for encoding and accessing linguistic frequency data	20060418 704/10
US 7028038 B1	Method for generating training data for medical text abbreviation and acronym normalization	20060411 707/100
US 7010486 B2	Speech recognition system, training arrangement and method of calculating iteration values f	20060307 704/255
US 6961685 B2	Probability model selection using information-theoretic optimization criterion	20051101 703/2
US 6904405 B2	Message recognition using shared language model	20050607 704/235
US 6898320 B2	Method for processing nodes in 3D scene and apparatus thereof	20050524 382/232
US 6886010 B2	Method for data and text mining and literature-based discovery	20050426 707/3
US 6859774 B2	Error corrective mechanisms for consensus decoding of speech	20050222 704/255
US 6697769 B1	Method and apparatus for fast machine training	20040224 703/2
US 6640207 B2	Method and configuration for forming classes for a language model based on linguistic classes	20031028 704/9
US 6523019 B1	Probabilistic record linkage model derived from training data	20030218 706/45
US 6453292 B2	Command boundary identifier for conversational natural language	20020917 704/235
US 6415248 B1	Method for building linguistic models from a corpus	20020702 704/1
US 6304841 B1	Automatic construction of conditional exponential models from elementary features	20011016 704/2
US 6167377 A	Speech recognition language models	20001226 704/240
US 6107935 A	Systems and methods for access filtering employing relaxed recognition constraints	20000822 340/5.52
US 6049767 A	Method for estimation of feature gain and training starting point for maximum entropy/minimul	20000411 704/240
US 5991710 A	Statistical translation system with features based on phrases or groups of words	19991123 704/2
US 5839106 A	Large-vocabulary speech recognition using an integrated syntactic and semantic statistical la	19981117 704/257
US 5680511 A	Systems and methods for word recognition	19971021 704/257
JP 2002373163 A	METHOD AND APPARATUS FOR CREATING MAXIMUM ENTROPY MODEL AND METHO	20021226
WO 2005008365 A	High quality feature selection method for maximum entropy modeling involves selecting top-r	20050127
US 20020188421 A	Optimum entropy modeling method used for language processor in speech dialogue system,	20021212

Interference checked

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L#	Hits	Search String	Databases
L1	5961	(language near2 model\$3) or ("natural language" near2 (processing or model))	US-PGPUB
L2	70	1 and ("maximum entropy" near2 model\$3)	US-PGPUB
L3	15	2 and ("log likelihood")	US-PGPUB
L4	1	3 and ("top-ranked")	US-PGPUB
L5	2	2 and ("top-ranked")	US-PGPUB
L6	19	2 and (select\$3 near2 feature)	US-PGPUB
L7	12	2 and (gain)	US-PGPUB
L8	32	3 or 4 or 5 or 6 or 7	US-PGPUB
L9	3	8 and (gain.CLM.)	US-PGPUB
L10	1	8 and ("log likelihood".CLM.)	US-PGPUB
L11	1	8 and ("top-ranked".CLM.)	US-PGPUB
L13	21	8 and (select\$3.CLM.)	US-PGPUB
L14	19	8 and (feature.CLM.)	US-PGPUB
L15	12	13 and 14	US-PGPUB
L16	13	9 or 10 or 11 or 15	US-PGPUB

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Results of search set S91:

Document Kind	Codes	Title	Issue Date	Current OR	Abstract
US	20070100624	A1 Unified treatment of data-sparseness and data-overfitting in maximum entropy modeling	20070503	704/257	
US	20070083357	A1 Weighted linear model	20070412	704/4	
US	20070078654	A1 Weighted linear bilingual word alignment model	20070405	704/252	
US	20060282255	A1 Collocation translation from monolingual and available bilingual corpora	20061214	704/2	
US	20060224552	A1 Systems and methods for determining user interests	20061005	707/1	
US	20060123448	A1 Programming guide content collection and recommendation system for viewing on a portable	20060608	725/51	
US	20060074670	A1 Method and system for interactive conversational dialogue for cognitively overloaded device	20060406	704/257	
US	20060074630	A1 Conditional maximum likelihood estimation of naive bayes probability models	20060406	704/9	
US	20050021317	A1 Fast feature selection method and system for maximum entropy modeling	20050127	703/2	
US	20040193401	A1 Linguistically informed statistical models of constituent structure for ordering in sentence reali	20040930	704/9	
US	20030126102	A1 Probabilistic record linkage model derived from training data	20030703	706/21	
US	20020165716	A1 Error corrective mechanisms for consensus decoding of speech	20021107	704/255	

